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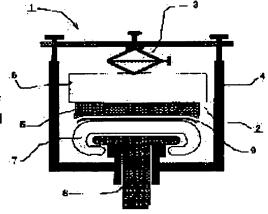
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(54) HEAT TRANSFER SHEET STICKING DEVICE FOR PASSENGER CONVEYOR MOVING HANDRAIL

(57)Abstract:

PROBLEM TO BE SOLVED: To eliminate any special skill requested to a worker, shorten working time, and increase a reliability in a sticking device for sticking a patterned heat transfer sheet onto a moving handrail of a passenger conveyor.

SOLUTION: This sticking device 1 comprises a heating part 2 for heating a heat transfer sheet 9, a pressing part 3 for pressing the heating part 2 against a moving handrail 7, and a fixed part 4 fixed to a handrail part 8 of a passenger conveyor and holding the heating part 2 and pressing part 3 on the moving handrail 7. By this, the heat transfer sheet 9 is allowed to be heated and pressed uniformly without relying upon the manual operation of a worker. In this case, when the heating part 2 comprises a heat conducting part 5 formed of a flexible material and pressed against the heat transfer sheet 9, nonuniform heating and nonuniform pressing can be avoided by deflecting the heat conducting part 5 along the curved surface of the moving handrail 7. Also,



when the heating part 2 comprises a plurality sets of heat conducting parts 5 and heating parts 6 along the longitudinal direction of the moving handrail 7, the heating and pressing area can be changed properly according to the length dimension of the heat transfer sheet 9.

LEGAL STATUS

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